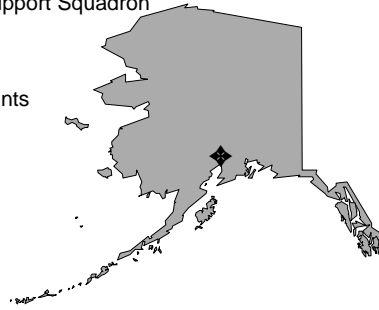


Size: 13,103 acres
Mission: Headquarters Alaskan Command, 11th Air Force and host unit, 3rd Wing; also hosts Alaskan NORAD Region, Rescue Coordination Center, and 632nd Air Mobility Support Squadron
HRS Score: 45.91; placed on NPL in August 1990
IAG Status: Federal Facility Agreement signed in 1991
Contaminants: VOCs, heavy metals, petroleum/oil/lubricants, solvents, and paints
Media Affected: Groundwater, surface water, sediment, and soil
Funding to Date: \$63.4 million
Estimated Cost to Completion (Completion Year): \$23.9 million (FY2026)
Final Remedy in Place or Response Complete Date for All Sites: FY2005



Anchorage, Alaska

Restoration Background

Environmental studies completed between FY83 and FY98 identified 84 sites at this installation. Sites include old construction landfills, petroleum spill sites, and underground storage tanks (USTs). Thirty-seven sites, which are grouped into six operable units (OUs), are covered by the Federal Facility Agreement. An additional 39 sites are covered by the State-Elmendorf Environmental Restoration Agreement with the State of Alaska.

In FY92, asphalt recovery was completed at SS10 in OU4. In FY93, the installation completed construction of a long-term groundwater treatment system at OU2. This Interim Remedial Action was performed at a site containing four 1-million-gallon USTs.

In FY94, the installation removed polychlorinated biphenyl (PCB)-contaminated sediment from a stormwater ditch at OU3. Because the ditch is adjacent to an elementary school in a residential area, an expedited response action was initiated to remove the PCBs. Also in FY94, bioventing Treatability Studies (TSs) were completed at three sites, an intrinsic remedial TS was completed for OU4, and a Record of Decision (ROD) was signed for OU1.

In FY95, the installation continued Remedial Investigation and Feasibility Study (RI/FS) work at OU6 and completed RODs for OU2, OU4, and OU5. It also completed Remedial Designs (RDs) for closing the four 1-million-gallon USTs in OU2, cleaning up PCBs in OU3, installing bioventing systems in OU4, and constructing an engineered wetland in OU5. Removal Actions were conducted at a pesticide storage facility in OU7 and at an asphalt seep area at OU1. The installation also put in place, and began operating, bioventing systems at eight UST sites and began long-term monitoring (LTM) of groundwater. Also in FY95, the installation formed a Restoration Advisory Board (RAB).

In FY96, the installation prepared RDs for OU6. In addition, the installation closed the four 1-million-gallon USTs and removed associated pipeline at OU2, conducted a PCB TS for OU3, installed the bioventing systems at OU4, and began constructing the engineered wetland at OU5.

In FY97, RODs were signed for OUs 3 and 6. RDs were completed for remediation of PCBs at OU3 and for removal of the North Jet Pipeline. The installation began beach sweeps at LF04 in OU6, TSs for a two-phase high-vacuum extraction (HVE) system at SD15 in OU6, and limited field investigations at nine areas of concern (AOCs). In addition, long-term operations (LTO) continued for the completed engineered wetland at OU5 and for 22 bioventing systems at 10 sites. Basewide LTM of groundwater and surface water continued, one bioventing system closed, and 13,800 feet of pipeline at ST32 was removed. The RAB charter was rewritten to focus on all environmental activities, beginning the transition to a Community Advisory Board. Also in FY97, Elmendorf's RAB received the Pentagon Crystal Award.

FY98 Restoration Progress

The PCB removal at OU3 is 95 percent complete, and limited field investigations began at nine AOCs. A five-year remedy review was conducted, and Remedial Action (RA) completion reports for OUs 1, 2, 4, 5, and 6 were completed.

Removal of 11,000 feet of North Jet Pipeline was completed, and recovery of free product at OU2 continued. The annual beach sweep at LF04 removed more than 30,000 pounds of general refuse and 21,000 pounds of recyclable metals. LTO continued at the OU5 engineered wetland system and the two-phase HVE system at SD15. LTO at 22 bioventing systems on 10 sites and LTM of the basewide

groundwater and surface water also continued.

Plan of Action

- Continue LTM of groundwater in OU1, OU2, OU4, OU5, and OU6 in FY99
- Complete closure document on shutdown of the groundwater treatment system at OU2 in FY99
- Complete RA completion report for OU3 in FY99
- Continue LTO of 22 bioventing systems at 10 sites, the wetland system at OU5, and the groundwater treatment system at OU2 in FY99
- Continue surface water sampling of the wetland system at OU5 in FY99
- Conduct annual beach sweep at LF04 in OU6 in FY99
- Continue LTO of HVE system at SD15 in FY99

FY99 FUNDING BY PHASE AND RELATIVE RISK

